

XX 28-SEP-2000; 2009W5-US26524.
 XX 29-SEP-1999; 99RS-0157137
 PR 03-NOV-1999; 99RS-0163280.
 XX (HUMA-) HUMAN GENOME SCI INC.
 XX
 XX Ruben SM, Barash SC, Birse CE, Rosen CA;
 DR WP1; 2001-235457/24.
 DR P-PSDB; AAG73954.
 XX
 XX Nucleic acids encoding 4277 human colon cancer-associated polypeptides.
 PT useful for preventing, diagnosing and/or treating colorectal cancers -
 XX
 XX Claim 1: Page 2539-2540; 9803pp; English.
 XX
 XX AAH3743 to AAH37195 and AAH371514 to AAH37798 represent human colon
 CC cancer associated nucleic acid molecules (N) and proteins (P), where
 CC the proteins are collectively known as colon cancer antigen. The colon
 CC cancer antigens have cytostatic activity and can be used in gene
 CC therapy and vaccine production. N and P may be used in the prevention,
 CC diagnosis and treatment of diseases associated with inappropriate P
 CC expression. For example, N and P may be used to treat disorders
 CC associated with decreased expression by rectifying mutations or deletions
 CC in a patient's genome that affect the activity of P by expressing
 CC inactive proteins or to supplement the patient's own production of P.
 CC Additionally, N may be used to produce the colon cancer-associated Ps,
 CC by inserting the nucleic acids into a host cell and culturing the cell
 CC to express the proteins. N and P can be used in the prevention, diagnosis
 CC and treatment of colorectal carcinomas and cancers. AAH37196 to AAH37204
 CC and AAH37789 represent sequences used in the exemplification of the
 CC present invention.
 CC N.B. Pages 666 to 682 and page 7053 of the sequence listing were
 CC missing at time of publication, meaning no sequences are present for
 CC SEQ ID NO:1027 to 1052, 7921 and 7922.
 XX
 XX Sequence 2595 BP; 742 A; 562 C; 714 G; 567 T; 10 other;
 SQ
 Alignment Scores:
 Pred. No.: 0.147 Length: 2595
 Score: 55.00 Matches: 11
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 22 Gaps: 0
 US-09-856-070-23 (1-11) x AAH33485 (1-2595)
 QY 1 GluLeuMetLeuArgLeuGluAspTyrGluGlu 11
 DB 664 GAGTTGATGCTGGGGCTGGAGGACTATGAGGAG 696
 RESULT 2
 ARQ88181
 ID A8Q88181 standard; cDNA: 2930 BP.
 XX A8Q88181;
 AC A8Q88181;
 XX
 XX 18-SEP-2002 (first entry)
 DE Human osteoblast differentiation related cDNA SEQ ID NO 88.
 XX
 XX Human: osteoblast; stem cell differentiation; bone tissue deposition;
 KW osteoporosis; osteopathic; ss.
 XX Homo sapiens.
 OS
 XX W0200250401 A2
 PN
 XX 27-JUN-2002
 PD
 XX

PF 18-DEC-2001; 2001W0-US48276.
 XX
 XX 1A-DEC-2000; 2000J5-255882P.
 PP 24-APP-2001; 2001J5-285691P.
 XX
 XX (GENE-) GENE LOGIC INC.
 PA (PROC) PROCTER & GAMBLE CO.
 XX
 XX Ji D, Axelrod DW, Cook JS, Jaiswal N, Einstein R, Houghton A;
 PI Mertz L;
 PT
 XX WP1; 2002-557663/59.
 XX
 XX Use of genes and their expression profiles associated with osteoblast
 PT differentiation for screening modulators bone formation, for diagnosing
 PT or treating e.g. osteoporosis, or as markers for the differentiation
 PT process -
 XX
 XX Claim 1: SEQ ID NO 88; 78pp + Sequence listing; English.
 PS
 XX The invention relates to genes and their expression profiles are used
 CC for:
 CC (a) screening modulators of precursor stem cell differentiation into
 CC osteoblasts, or bone tissue deposition;
 CC (b) diagnosing abnormal deposition of bone tissue, abnormal rate of
 CC osteoblast formation or osteoporosis; or
 CC (c) treating or monitoring treatment of the conditions cited in (b), or
 CC monitoring the progression of bone tissue deposition.
 CC Specific conditions include postmenopausal osteoporosis, glucocorticoid
 CC osteoporosis or male osteoporosis, osteopenia, osteodystrophy,
 CC drug-induced abnormalities in bone formation or bone loss, conditions
 CC that involve altered bone metabolism (e.g. idiopathic juvenile
 CC osteoporosis), skeletal disease linked to breast cancer, mastocytosis,
 CC Fanconi syndrome or fibrous dysplasia. The present sequence is that of an
 CC osteoblast differentiation associated cDNA marker of the invention.
 CC Note: the sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pat_sequences.
 XX
 XX Sequence 2930 BP; 793 A; 558 C; 821 G; 658 T; 0 other;
 SQ
 Alignment Scores:
 Pred. No.: 0.169 Length: 2930
 Score: 55.00 Matches: 11
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 24 Gaps: 0
 US-09-856-070-23 (1-11) x A8Q88181 (1-2930)
 QY 1 GluLeuMetLeuArgLeuGluAspTyrGluGlu 11
 DB 1112 GACTTCATGCTGGGGCTGGAGGACTATGAGGAG 1144
 RESULT 3
 A8Q88181
 ID A8Q88181 standard; cDNA: 2930 BP.
 XX A8Q88181;
 AC A8Q88181;
 XX
 XX 15-JUL-2002 (first entry)
 DE Human lung cancer associated full length cDNA DMSM-51.
 XX Human: ss; gene; lung cancer; cytostatic; tumour; vaccine.
 KW
 XX Homo sapiens.
 OS
 XX W0200234957-A2.
 PN
 XX 28-MAR-2002.
 PD
 XX

PF 20-SEP-2001: 2001WO-0542232.
 XX
 PR 22-SEP-2002: 2000US-234837P.
 PR 10-OCT-2000: 2000US-239440P.
 PR 29-JUN-2001: 2001US-301939P.
 XX
 PA (CORI-) CORIAX CORP.
 PI Benson DR, Mohanath P, Jones MT;
 XX WPI: 2002-372601/4P
 XX
 PI New tumour lung proteins and nucleic acids encoding the proteins, use of
 PI as vaccines and for treating, preventing, diagnosing or monitoring lung
 PI cancer
 XX
 PS Claim 1: Page 159-160; 189pp, English.
 XX
 CC The invention relates to an isolated polynucleotide comprising a sequence
 CC selected from 183 human DNA sequences (appearing as AHK70130-AHK70312),
 CC or their fragments, homologues, variants or complements and their encoded
 CC polypeptides. Also included are an expression vector comprising the
 CC polynucleotide operably linked to an expression control sequence; a host
 CC cell transformed or transfected with an expression vector of an isolated
 CC antibody, or its antigen-binding fragment that specifically binds to the
 CC polypeptide; a method for detecting the presence of a cancer in a
 CC patient; a fusion protein comprising at least the polypeptide; an
 CC oligonucleotide that hybridises to the polynucleotide under moderately
 CC stringent conditions; a method for stimulating and/or expanding T cells
 CC specific for a tumour protein; an isolated T cell population comprising T
 CC cells prepared from the method of above; a composition comprising a first
 CC component consisting of carriers and immunostimulants, and a second
 CC component selected from the polynucleotides, proteins, antibodies, fusion
 CC proteins, T cell populations and antigen presenting cells expressing the
 CC polypeptide. Methods for stimulating an immune response in treating
 CC cancer in a patient by administering the composition and diagnostic kits
 CC comprising at least one of the oligonucleotide of, or an antibody and a
 CC detection reagent consisting of a reporter group. The polypeptides and a
 CC polynucleotides are useful as vaccines for the treatment or prevention of
 CC lung cancer, and for diagnosis and monitoring of such cancer. The
 CC polynucleotide, polypeptide and antigen presenting cells can be
 CC used to stimulate or expand T cells specific for a tumorous protein.
 CC The polynucleotides may be used as probes or primers for nucleic acid
 CC hybridisation, and in the preparation of ribozyme molecules for
 CC inhibiting expression of tumour polypeptides and proteins in tumour
 CC cells. The present sequence is one of the 183 lung cancer associated
 CC polynucleotides.
 XX
 SQ Sequence 2930 BP; 793 A; 653 C; 821 G; 658 T; 0 other;

Alignment Scores:
 Pred. No.: 0.169 Length: 2930
 Score: 55.00 Matches: 11
 Percent Similarity: 100.00% Conservative: 0
 Best local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 24 Gaps: 0

US-09-856-070-23 (1-11) x ABK70285 (1-2930)
 OY 1 GlutGluMetLeuArgGluGlnAspTyrGluGlu 11
 Db 1112 GAGTTCATGCTTCGGCTGCTGACGACTATGAGGAG 1144

RESULT 4
 AH088180
 ID AH088180 standard; cDNA: 3044 BP.
 AC AB088180;
 XX

DT 18-SEP-2002 (first entry)

DE Human osteoblast differentiation related cDNA SEQ ID NO 87.

XX Human; osteoblast, stem cell differentiation, bone tissue deposition;
 KW osteoporosis, osteopathia; ss.
 XX
 OS Homo sapiens.
 XX
 IN W0200250301-A2.
 XX
 PD 27-JUN-2002.
 XX
 PF 18 DEC 2001. 2001WO-0548276.
 XX
 PR 18-SEP-2002: 2000US-255982P.
 PR 24-APR-2001: 2001US-285641P.
 XX
 PA (GENE-) GENE LOGIC INC.
 PA (PROC-) PROCIER & GAMBLE CO.
 XX
 PI Ji D, Axelrod DM, Cook JS, Jaiswal N, Einstein N, Houghton A;
 PI Mertz L;
 XX
 WPI: 2002-547563/59.
 XX
 CC Use of genes and their expression profiles associated with osteoblast
 CC differentiation for screening modulators bone formation, for diagnosing
 CC or treating e.g. osteoporosis, or as markers for the differentiation
 CC process.
 XX
 CC Claim 1: SEQ ID NO 87; 7app + Sequence Listing; English.
 XX
 CC The invention relates to genes and their expression profiles are used
 CC for:
 CC (a) screening modulators of precursor stem cell differentiation into
 CC osteoblasts, or bone tissue deposition;
 CC (b) diagnosing abnormal deposition of bone tissue, abnormal rate of
 CC osteoblast formation or osteoporosis; or
 CC (c) treating or monitoring treatment of the conditions cited in (b), or
 CC monitoring the progression of bone tissue deposition.
 CC Specific conditions include postmenopausal osteoporosis, glucocorticoid
 CC osteoporosis or male osteoporosis, osteopenia, osteodystrophy,
 CC drug-induced abnormalities in bone formation or bone loss, conditions
 CC that involve altered bone metabolism (e.g. idiopathic juvenile
 CC osteoporosis), skeletal disease linked to breast cancer, mastocytosis,
 CC Paget's syndrome of fibrous dysplasia. The present sequence is that of an
 CC osteoblast differentiation associated cDNA marker of the invention.
 CC Note: The sequence data for this patent did not form part of the printed
 CC specification, but was obtained in electronic format directly from WIPO
 CC at ftp.wipo.int/pub/published_pat_sequences.
 XX
 SQ Sequence 3044 BP; 826 A; 687 C; 855 G; 675 T; 1 other;

Alignment Scores:
 Pred. No.: 0.176 Length: 3044
 Score: 55.00 Matches: 11
 Percent Similarity: 100.00% Conservative: 0
 Best local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 24 Gaps: 0

US-09-856-070-23 (1-11) x AH088180 (1-3044)

OY 1 GlutGluMetLeuArgGluGlnAspTyrGluGlu 11
 Db 1153 GAGTTCATGCTTCGGCTGCTGACGACTATGAGGAG 1185

RESULT 5
 ABK84552
 ID ABK84552 standard; cDNA: 3044 BP.
 AC ABK84552;
 XX

DT 14 AUG 2002 (first entry)

XX

Human cDNA differentially expressed in granulocyte cells #1123.

Human; ss: granulocyte cell; DNA chip, bacterial infection; viral infection; parasitic infection; protozoal infection; fungal infection; sterile inflammatory disease; psoriasis; rheumatoid arthritis; glomerulonephritis; asthma; thrombosis; cardiac reperfusion injury; renal reperfusion injury; ARDS; adult respiratory distress syndrome; inflammatory bowel disease; Crohn's disease; ulcerative colitis; periodontal disease; granulocyte activation; chronic inflammation; allergy.

Homo sapiens.

W0200228999-A2.

11-APR-2002.

03-OCT-2001; 2001WO-US30821.

03-OCT-2000; 200039-247189P.

(GENE-) GENE LOGIC INC.

Beazer-Barelay Y, Weissman SM, Yamada S, Vockley J;

WPI: 2002-43548/46.

Detecting granulocyte activation by detecting differential expression of genes associated with granulocyte activation, which serves as diagnostic markers that is useful for monitoring disease states and drug toxicity.

Claim 1: SEQ ID NO 1123; 114pp; English.

The invention relates to detecting (M1) granulocyte (GC) activation (GCA), by detecting the level of expression of gene(s) (Gs) identified by DNA chip analysis as given in the specification, and comparing the expression level to an expression level in an unactivated GC. Also included are modulation of Gs is indicative of GCA. That alters the expression of at least one gene in Gs; (2) screening (M3) for an agent capable of modulating GCA or an inflammation (especially chronic) in a tissue, an allergic response in a subject, exposure of a subject to a pathogen or sterile inflammatory disease using the gene expression profile; (3) detecting (M4) an inflammation (especially chronic) in a tissue, an allergic response in a subject, exposure of a subject to a pathogen or sterile inflammatory disease, by detecting the expression of gene(s) from Gs in the tissue. M1 is useful for detecting GCA; M2 is useful for modulating GCA; M3 is useful for screening an agent capable of modulating GCA preferably in an inflammation in a tissue; M4 is useful for detecting an inflammation (especially chronic) in a tissue, an allergic response in a subject, exposure of a subject to a pathogen or sterile inflammatory disease (e.g. psoriasis, rheumatoid arthritis, glomerulonephritis, asthma, thrombosis, cardiac reperfusion injury, renal reperfusion injury, ARDS, adult respiratory distress syndrome, inflammatory bowel disease, Crohn's disease, ulcerative colitis, periodontal disease, also bacterial infection, viral infection, parasitic infection, protozoal infection, fungal infection and M5 is useful for treating one of the above conditions. The present sequence represents a gene differentially expressed in granulocytes.

Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from Wipo at http://wipo.int/pub/published_pct_sequences.

Alignment Scores:

Pred. No.: 0.176 Length: 3044

Score: 55.00 Matches: 11

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

DB: 24 Gaps: 0

US-09-856-070-23 (1-11) x AKA84552 (1-3044)

0Y 1 GlutathioneMetLeuArgLeuGlnAspIyrGluGlu 11

Db 1153 GAGTTCATGTCGGCTGCAGGACTATGAGAG 1185

|||||

RESULT 6

AHN97223

ID AHN97223 standard; DNA: 3044 BP.

XX AC AHN97223;

XX 11-AUG-2002 (first entry)

XX DE Gene #3721 used to diagnose liver cancer.

XX KW Gene; liver cancer; ds: hepatocellular carcinoma; hepatotropic; metastatic liver tumour; cytostatic; expression profile; disease state; disease progression; drug toxicity; drug efficacy; drug metabolism.

XX KW Homo sapiens.

XX OS

XX PN W0200229103-A2.

XX PD 11-APR-2002.

XX PF 02 OCT 2001; 2001WO-US30589.

XX PF 02 OCT-2000; 2000US 237054P.

XX PA (GENE-) GENE LOGIC INC.

XX PI Horne D, Alvares C, Peres Da-Silva S, Vockley JG;

XX WPI: 2002-426119/45.

XX PT Diagnosing and detecting the progression of liver cancer, hepatocellular carcinoma or metastatic liver tumor in a patient, involves detecting the level of expression of two or more genes in a liver tissue sample.

XX PS Claim 1: SEQ ID NO 3721; 298pp; English.

XX CC The invention relates to a novel method for diagnosing and detecting the progression of liver cancer, hepatocellular carcinoma or metastatic liver tumor in a patient, and differentiating metastatic liver cancer from hepatocellular carcinoma in a patient, involving detecting the level of expression of two or more genes represented in AHN93503-AHN97455 in a tissue sample. The method of the invention has hepatotropic, and cytostatic activity. The method is useful for diagnosing and detecting the progression of liver cancer, hepatocellular carcinoma and metastatic liver carcinoma in a patient. The method is useful for identifying expression profiles which serve as useful diagnostic markers as well as markers that can be used to monitor disease states, disease progression, drug toxicity, drug efficacy and drug metabolism.

XX CC Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from Wipo at http://wipo.int/pub/published_pct_sequences.

XX SQ Sequence 3044 BP; 826 A; 587 C; 855 G; 675 T; 1 other;

Alignment Scores:

Pred. No.: 0.176 Length: 3044

Score: 55.00 Matches: 11

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 24 Gaps: 0

US-09-856-070-23 (1-11) x ARK9792 (1-3047)

QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11

DB 1153 CAGTTCATCGTCGGCTGACGATATGAGGAG 1185

RESULT 7

ABK09792
ID ABK09792 standard: cDNA: 3047 BP.

XX AC ABK09792;

XX DT 14-MAR-2002 (first entry)

XX DE Human ovarian tumour protein encoding cDNA #325.

XX KW Human, ovarian tumour protein, cancer, cytostatic, immunostimulant, ss,
gene therapy; CD4+ T cell, CD8+ T cell, PCR primer.

XX OS Homo sapiens.

XX PN WO200106154-A2

XX PD 29-NOV-2001.

XX PF 23-MAY-2001; 2001WO 0516895

XX PP 24-MAY-2000; 2000US 207107P

XX PP 13-JUN-2000; 2000US 211457P

XX PP 21-JUN-2000; 2000US 213673P

XX PP 03-AUG-2000; 2000US 223288P

XX PR 01-MAR-2001; 2001US 272790P

XX PA (CORI-) CORIXA CORP.

XX PI Xu J, Mitcham JL, Harlocker SL, Dillon DC, Seerist H, Iodes MJ;
PI Algate PA, Filling SR, Mannon J, Hanson D, Carter D;
XX WPI: 2002-097641/13.

XX PS New isolated polynucleotide, encoding polypeptide comprising portion of
PT ovarian tumour protein, useful for detection, diagnosis and therapy of
PT human ovarian cancer

XX PS Claim 1: Page 269-270; 285pp; English.

XX CC The invention relates to an isolated polynucleotide encoding a
CC polypeptide comprising a portion of an ovarian tumour protein, the
CC sequences of the invention are useful for stimulating an immune response
CC and for treating ovarian cancer in a patient. An antigen presenting cell
CC that expresses the sequences is useful for treating ovarian cancer by
CC incubating CD4+ and/or CD8+ T cells isolated from a patient. The T cells
CC can then be proliferated and administered to the patient to inhibit the
CC development of cancer. The DNA sequences are useful as probes or primers
CC for nucleic acid hybridisation, to direct expression of a polypeptide in
CC appropriate host cells, detecting the presence of a cancer in a patient
CC involves obtaining a biological sample from the patient, contacting the
CC biological sample with an agent that binds to the protein, detecting the
CC amount of protein that binds to the agent, comparing the amount of
CC protein to a predetermined cut-off value and determining the presence of
CC cancer. Sequences ABK09464-ABK09802 represent PCR primers and cDNA
XX molecules encoding ovarian tumour proteins of the invention

XX SQ Sequence 3047 BP; 828 A; 687 C; 856 G; 675 T; 1 other;

Alignment Scores:
Pred. No.: 0.176 Length: 3047
Score: 55.00 Matches: 11
Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 24 Gaps: 0

US-09-856-070-23 (1-11) x ARK9792 (1-3047)

QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11

DB 1153 CAGTTCATCGTCGGCTGACGATATGAGGAG 1185

RESULT 8

ABK098182
ID ABK098182 standard: cDNA: 3072 BP.

XX AC ABK098182;

XX DT 18-SEP-2002 (first entry)

XX DE Human osteoblast differentiation related cDNA SEQ ID NO 89.

XX KW Human, osteoblast, stem cell differentiation; bone tissue deposition;
osteoporosis; osteopathy; ss.

XX OS Homo sapiens.

XX PN WO200259301-A2.

XX PD 27-JUN-2002.

XX PF 18-DEC 2001, 2001WO 0548276.

XX PF 18-DEC 2000, 2000US 255892P.

XX PP 24-APR 2001; 2001US 28591P.

XX PA (GENE-) GENE LOGIC INC.

XX PA (PRNC) PROCTER & GAMBLE CO.

XX PI Ji D, Axelrod DW, Cook JS, Jaiswal N, Einstein R, Houghton A;
PI Mertz L;

XX WPI: 2002-557663/59.

XX PT Use of genes and their expression profiles associated with osteoblast
PT differentiation for screening modulators bone formation, for diagnosing
PT or treating e.g. osteoporosis, or as markers for the differentiation
PT process

XX PS Claim 1: SEQ ID NO 89; 78pp + Sequence Listing; English.

XX CC The invention relates to genes and their expression profiles are used
CC for:

XX CC (a) screening modulators of precursor stem cell differentiation into
CC osteoblasts, or bone tissue deposition;
XX CC (b) diagnosing abnormal deposition of bone tissue, abnormal rate of
CC osteoblast formation or osteoporosis; or
XX CC (c) treating or monitoring treatment of the conditions cited in (b), or
CC monitoring the progression of bone tissue deposition.
XX CC Specific conditions include postmenopausal osteoporosis, glucocorticoid
CC osteoporosis or male osteoporosis, osteopenia, osteodystrophy,
XX CC drug-induced abnormalities in bone formation or bone loss, conditions
XX CC that involve altered bone metabolism (e.g. idiopathic juvenile
XX CC osteoporosis), skeletal disease linked to breast cancer, mastocytosis,
XX CC Fanconi syndrome or fibrous dysplasia. The present sequence is that of an
XX CC osteoblast differentiation associated cDNA marker of the invention.
XX CC Note, the sequence data for this patent did not form part of the printed
XX CC specification. Rat was obtained in electronic format directly from WIPO
XX CC at ftp.wipo.int/pub/published_pat_sequences.

XX SQ Sequence 3072 BP, 846 A, 688 C, 868 G, 670 T, 0 other;

Alignment Scores:
Pred. No.: 0.178 Length: 3072
Score: 55.00 Matches: 11
Percent Similarity: 100.00%

| | | | |
|------------------------|---------|---------------|---|
| Percent Similarity: | 100.00% | Conservative: | 0 |
| Best Local Similarity: | 100.00% | Mismatches: | 0 |
| Query Match: | 100.00% | Indels: | 0 |
| EB: | 24 | Gaps: | 0 |

US 09 856 070-23 (1-11) x ABQ88182 (1-3072)

QY 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11
 |||||
Ith 1169 GACTTCATCTCCGCCTCAGGACATCGAGAG 12


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PR 27-SEP-2000; 200008-0236359.
PR 04-OCT-2000; 200008-0024263.
XX
XX
XX (MOLE) MOLECULAR DYNAMICS INC.
XX
XX Penn SG, Hanzel DK, Chen W, Rank DK;
XX
XX WPI; 2001-488897/53.
XX
XX Human genome-derived single exon nucleic acid probes useful for
XX analyzing gene expression in human placenta -
XX
XX Claim 25; SEQ ID NO 20109; 654bp; English.
XX
XX The present invention relates to single exon nucleic acid probes (SENP).
XX The present sequence is one such probe. The probes are useful for
XX producing a microarray for predicting, measuring and displaying gene
XX expression in samples derived from human placenta. The probes are useful
XX for antenatal diagnosis of human genetic disorders.
XX
XX Sequence 205 BP; 71 A; 35 C; 36 G; 63 T; 0 other;
XX
Alignment Scores:
Prd. No.: 16.5 Length: 205
Score: 39.00 Matches: 8
Percent Similarity: 90.91% Conservative: 2
Best Local Similarity: 72.74% Mismatches: 1
Query Match: 70.91% Indels: 0
db: 22 Gaps: 0
XX
US 09-856-070-23 (1-11) x AA151423 (1-205)
XX
XX 1 GluLeuMetLeuArgLeuGlnAspTyrGluGlu 11
XX
XX 151 GAGCTTATTCCTCGCTTCAGAAATATTGMA 119
XX
Search completed: January 16, 2003, 17:19:51
Job time : 183.211 secs

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